UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,961,942 B1
APPLICATION NO. : 09/707120
DATED : November 1, 2005
INVENTOR(S) : Stanley W. Adermann et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Pg Item (56), under "Other Publications", line 22, delete "(14 pgs." and insert -- (14 pgs.**).** --, therefor.

On the Title Pg on page 2, Item (56), under "Other Publications", line 5, delete "(42 pgs." and insert -- (42 pgs.**).** --, therefor.

On the Title Pg on page 2, Item (56), under "Other Publications", line 12, after "Oct., 1992" delete "**:**" and insert -- **;** --, therefor.

On the Title Pg on page 2, Item (56), under "Other Publications", line(s) 13-14, delete "Architecture**-** **"**(White Paper)" and insert -- Architecture**"** (White Paper) --, therefor.

On the Title Pg on page 2, Item (56), under "Other Publications", line 23, delete "Designer**s**" and insert -- Designer**'s** --, therefor.

In column 2, line 17, insert -- mode --, before "application".

In column 6-7, line(s) 49-67 and 1-5, delete "Winsock routines are ordinarily implemented as a dynamic link library (dil). The Winsock hierarchy generally consists of a Winsock-compliant application interfaced to a Winsock-compliant TCP/IP stack via the Winsock API. The stack in turn interfaces to the appropriate network driver. The manner in which Winsock is incorporated in this embodiment of the invention is illustrated in FIG. **2**. This figure illustrates various interrelated system components in the user level and kernel level of a system according to an embodiment of the invention. In overview, the Winsock DLL **201** (WS2_32.DLL) accesses the L2CAP layer **203** (BTHPORT.SYS) via a translation layer BTHTDI.SYS **205**. A Winsock helper **207** (WSHBTH.DLL) provides addressing and other Bluetooth-specific functionality for use by the Winsock DLL **201**. The service provider AFD.SYS **209** is the standard Winsock2 service provider for transports such as TCPIP and IrDA, and interfaces to user mode via MSAFD.DLL **211**. In addition to implementing the L2CAP protocol, BTHPORT.SYS **203** also may implement the Host Controller Interface (HCI), Service Discovery Protocol (SDP), and Link Manager Protocol (LMP) as these are defined in the Bluetooth specification." and insert -- Winsock routines are ordinarily implemented as a dynamic link library (dll). The Winsock hierarchy generally consists of a Winsock-compliant application interfaced to a Winsock-compliant TCP/IP stack via the Winsock API. The stack in turn interfaces to the appropriate network driver.

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The manner in which Winsock is incorporated in this embodiment of the invention is illustrated in FIG. **2**. This figure illustrates various interrelated system components in the user level and kernel level of a system according to an embodiment of the invention. In overview, the Winsock DLL **201** (WS2_32.DLL) accesses the L2CAP layer **203** (BTHPORT.SYS) via a translation layer BTHTDI.SYS **205**. A Winsock helper **207** (WSHBTH.DLL) provides addressing and other Bluetooth-specific functionality for use by the Winsock DLL **201**. The service provider AFD.SYS **209** is the standard Winsock2 service provider for transports such as TCPIP and IrDA, and interfaces to user mode via MSAFD.DLL **211**. In addition to implementing the L2CAP protocol, BTHPORT.SYS **203** also may implement the Host Controller Interface (HCI), Service Discovery Protocol (SDP), and Link Manager Protocol (LMP) as these are defined in the Bluetooth specification. --, therefor, on line 48, Col. 6, after "TCP/IP protocol.". (as continuation of the paragraph)

In column 10, line 36, delete "socket**s**" and insert -- socket**()** --, therefor.

In column 15, line 38, delete "socket**s**" and insert -- socket**()** --, therefor.

In column 18, line 33, before "Level" delete "**{**" and insert -- **(** --, therefor.

In column 18, line(s) 65-67, delete "For example, the BTHTDI Winsock helper may use "42a6920f-e18b-4cd9-ac3c-ed490446eecb" as its GUID value." and insert -- For example, the BTHTDI Winsock helper may use "42a6920f-e18b-4cd9-ac3c-ed490446eecb" as its GUID value. --, therefor, on line 64 after "helper DLL.". (as continuation of the paragraph)

In column 19, line 32, after "0" insert -- **,** --.

In column 19, line 57, after "WSHIoct1" insert -- **(** --.

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In column 19, line 60, delete "TdiConectionObjectHandle" and insert -- TdiConnectionObjectHandle --, therefor.

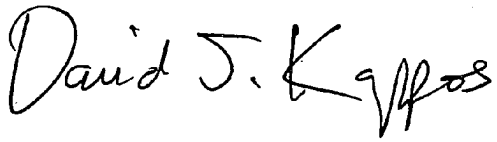
In column 20, line 6, delete "**};**" and insert -- **);** --, therefor.

In column 20, line 54, delete "NT **10**" and insert -- NT **IO** --, therefor.

In column 21, line(s) 10-12, delete "For example, with respect to IRP_MJ_PNP, PNP, minor functions may be propagated down the stack rather than processed." and insert -- For example, with respect to IRP_MJ_PNP, PNP, minor functions may be propagated down the stack rather than processed. --, therefor, on line 9 after "be processed.". (as continuation of the paragraph)

Signed and Sealed this

Eighth Day of September, 2009



David J. Kappos
Director of the United States Patent and Trademark Office